## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

U.S. National Stage Application

Based on International Appln. PCT/EP03/04087

Applicant

Georg LUTTER

Int'l Filing Date

April 17, 2003

Title

DEVICE FOR MINIMALLY INVASIVE,

INTRAVASCULAR AORTIC VALVE EXTRACTION

TC/A.U.

: (Not Yet Assigned)

Examiner

(Not Yet Assigned)

Docket No.

ROS-101

Customer No.

23290

## INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The citations enumerated on the list of references cited (modified Form PTO-1449) appended hereto may be material to the patentability of the above-identified application and are therefore submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application by initialing the citations on the enclosed modified Form PTO-1449.

U.S. Patent Nos. 4,445,892, 5,460,610, and 5,674,198 and U.S. Patent Publication No. 2002/013569 were cited in the International Search Report. A copy of each reference should have been transmitted by the International Bureau.

LUTTER - U.S. National Stage Application Based on PCT/EP03/04087 Information Disclosure Statement

U.S. Patent Nos. 4,771,777 and 6,168,624 B1 were cited during prosecution of the German priority application.

A discussion of the relevance of DE 199 04 975 A1 and WO 93/01768 is given in the specification at page 2 and is relied upon as a statement of the pertinency of these references. U.S. Patent No. 5,370,685 is the priority application of WO 93/01768. The English abstract of WO 00/45874 which corresponds to DE 199 04 975 A1 is also relied upon as a statement of the pertinency of this reference.

Pursuant to the U.S. Patent and Trademark Office Waiver of 37 CFR 1.98(a)(2)(i) as posted on the PTO web site, copies of the cited U.S. patent and U.S. patent publication are not submitted.

This Information Disclosure Statement Under 37 CFR 1.56 is not to be construed:

1) as an admission that the information cited is, or is considered to be material to patentability as defined in 37 CFR 1.56(b), 2) as a representation that a search has been made, 3) that additional information that may be material to the patentability of this application does not exist, or 4) that any one or more of these citations constitute prior art under 35 USC 102.

LUTTER - U.S. National Stage Application Based on PCT/EP03/04087 Information Disclosure Statement

If any fees are due upon filing of this document, please charge our Deposit

Account No. 501032.

Respectfully submitted,

arren A. Zitlau

Reg. No. 39,085

Hollander Law Firm, P.L.C. Suite 305, 10300 Eaton Place Fairfax, Virginia 22030 (703) 383-4800

Date: October 5, 2004

**Enclosures:** 

Form PTO-1449 (1 sheet) Copies of foreign references

DTO C'd PCT/PTO PTOSE/087 (000)
Approved se through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Substitute for form 1449A/PTO                 |                |        |              | Complete if Known      |   |  |
|---|----------------|--------|--------------|------------------------|---|--|
|   |                |        | CL OSUBE     | Application Number     | U.S. National of 2 1 0 2 / PCT/EP03/04087 |  |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT |                |        |              | Filing Date            | October 5, 2004                           |  |
|   |                |        |              | First Named Inventor   | Georg LUTTER                              |  |
| (   | use as many sh | ets as | s necessary) | Group Art Unit         |   |  |
|   |                |        |              | Examiner Name          |   |  |
| Sheet   | 1              | of     | 1            | Attorney Docket Number | ROS-101                                   |  |

| U.S. PATENT DOCUMENTS |                          |   |    |   |  |   |  |
|-----------------------|--------------------------|---|----|---|--|---|--|
|                       | <u> </u>                 | U.S. Patent Document  Number- Kind Code² (if known) |    | Name of Patentee or<br>Applicant of Cited<br>Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |  |
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> |   |    |   |  |   |  |
|                       |                          | US-4,445,892  |    | Hussein et al.  | 05-01-1984   |   |  |
|                       |                          | US-4,771,777  |    | Horzewski et al.                                      | 09-20-1988   |   |  |
|                       |                          | US-5,370,685  |    | Stevens   | 12-06-1994   |   |  |
|                       |                          | US-5,460,610  |    | Michael   | 10-24-1995   |   |  |
|                       |                          | US-5,545,135  |    | lacob et al.  | 08-13-1996   |   |  |
|                       |                          | US-5,674,198  |    | Leone   | 10-07-1997   |   |  |
|                       |                          | US-5,840,081  |    | Andersen et al.                                       | 11-24-1998   |   |  |
|                       |                          | US-5,855,601  |    | Bessler et al.  | 01-05-1999   |   |  |
|                       |                          | US-6,168,624  | B1 | Sudai   | 01-02-2001   |   |  |
|                       |                          | US-2002/0013569                                     | A1 | Sterman et al.  | 01-31-2002   |   |  |
|                       |                          | US-   |    |   |  |   |  |
|                       |                          | US-   |    |   |  |   |  |
|                       |                          | US-   |    |   | ]  |   |  |
|                       |                          | US-   |    |   |  |   |  |

| FOREIGN PATENT DOCUMENTS |   |                        |   |  |   |  |  |  |
|--------------------------|---|------------------------|---|--|---|--|--|--|
| Cite                     | Foreign Patent Document  Country Code³-Number-Kind Code⁵ (if known) |                        | Publication Date<br>MM-DD-YYYY  | Name of Patentee or  | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear   | T⁵   |  |  |
| 1,40.                    |   |                        |   | Applicant of Oilea Bocument  |   |  |  |  |
|                          | DE  | 199 04 975 A1          | 09-14-2000  | Impella Cardiotechnik AG   |   |  |  |  |
|                          | wo  | 93/01768               | 02-04-1993  | Stevens  |   |  |  |  |
|                          |   |                        |   |  |   |  |  |  |
| ļ                        |   |                        |   | ļ  |   |  |  |  |
| -                        | —   |                        |   | -  |   | <u> </u>   |  |  |
| <del> </del>             | -   |                        |   |  |   |  |  |  |
| ├                        | +   |                        |   |  |   |  |  |  |
| -                        | +   |                        |   |  |   | <b> </b>   |  |  |
|                          | Cite<br>No.1  | No. <sup>1</sup> Count | Cite No.1 Foreign Patent Document  Country Code3-Number-Kind Code5 (if known) | Cite No.1 Foreign Patent Document Publication Date MM-DD-YYYY  Country Code3-Number-Kind Code3 (if known)  DE 199 04 975 A1 09-14-2000 | Cite No.1 Publication Date Mm-DD-YYYY Applicant of Cited Document  Country Code3-Number-Kind Code3 (if known)  DE 199 04 975 A1 09-14-2000 Impella Cardiotechnik AG | Cite No.1 Foreign Patent Document No.1 Publication Date MM-DD-YYYY Mm-DD-YYYY No.1 Name of Patentee or Applicant of Cited Document No.1 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document No.2 Name of Patentee or Applicant of Cited Document Name of Patentee or Name of Patentee |  |  |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |
|           |            |  |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement:: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.